

国产兰科三新种及二新组合*

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THREE NEW SPECIES AND TWO NEW COMBINATIONS OF ORCHIDACEAE FROM CHINA

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Key words Orchidaceae; *Cheirostylis pingbianensis*; *Goodyera shixingensis*; *Myrmechis urceolata*; *Peristylus alpinus*; *P. albo-marginatus*; China

关键词 兰科; 屏边叉柱兰; 始兴斑叶兰; 宽瓣全唇兰; 高山阔蕊兰; 白边阔蕊兰; 中国

1 屏边叉柱兰 新种 图 1

Cheirostylis pingbianensis K. Y. Lang, sp. nov.

Affinis *C. inabei* Hayata, qui sepalis lateralibus apice acutis, labello basi intra sacculum mamillis multis dispersis instructo, apice inter duos lobos non-apiculato, lobis basi bi-viridimaculatis differt; similis *C. griffithii* Lindl., qui floribus majoribus, labello 2 cm vel plus longo, lobis apicalibus margine laciniis 8~10 obsitis, tubo sepalorum extus pubescenti, ovario pubescenti differt.

Herba parva terrestris, 5~10 cm alta. Rhizoma elongatum, repens, carnosum, nodosum, radiculatum. Caulis erectus, teres, carnosus, glaber. Folia 4~8, viridia, ovata, 1~2.5 cm longa, 0.8~1.7 cm lata, apice acuta, basi rotundata et petiolata; petiolis 1~1.5 cm longis, basi in vaginam amplexicaulem ampliatis. Inflorescentia brevis, 2(~3)-flora, basi vix pedunculata; bracteis viridibus, ovatis, apice acuminatis, ovarii brevioribus. Flores glabri, tubiformes, sepalis 10~11 mm longis, a basi usque ad duabus tertiis partibus in tubum connatis, apice liberis, lobo intermedio ca. 3.5 mm longo, apice obtusiusculo, eis lateralibus 1.8 mm longis, apice obtusiusculis; petalis longe spathulatis, 9 mm longis ca. 2 mm latis, apice obtusis, basi attenuatis; labello T-formi ca. 8 mm longo, basi concaviusculo et sacciformi ca. 1.5 mm longo, intus callis duobus parallelis seriatis longipapillosis instructo, medio longe unguiculato, ungue 4.5 mm longo ca. 2 mm lato margine integro, apice ampliato 2 mm longo ca. 4 mm lato bilobo, inter lobos apiculato, lobo basi non-maculato

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margine 5~6-laciniato, laciniis 1~2 mm longis; columna brevi, 2.5 mm longa; anthera late obovata, 1.5 mm longa; rostello ovato, 3.5 mm longo, apice bifurcato; ovario cylindrico-fusiformi contorto glabro cum pedicello 1~1.2 cm longo.

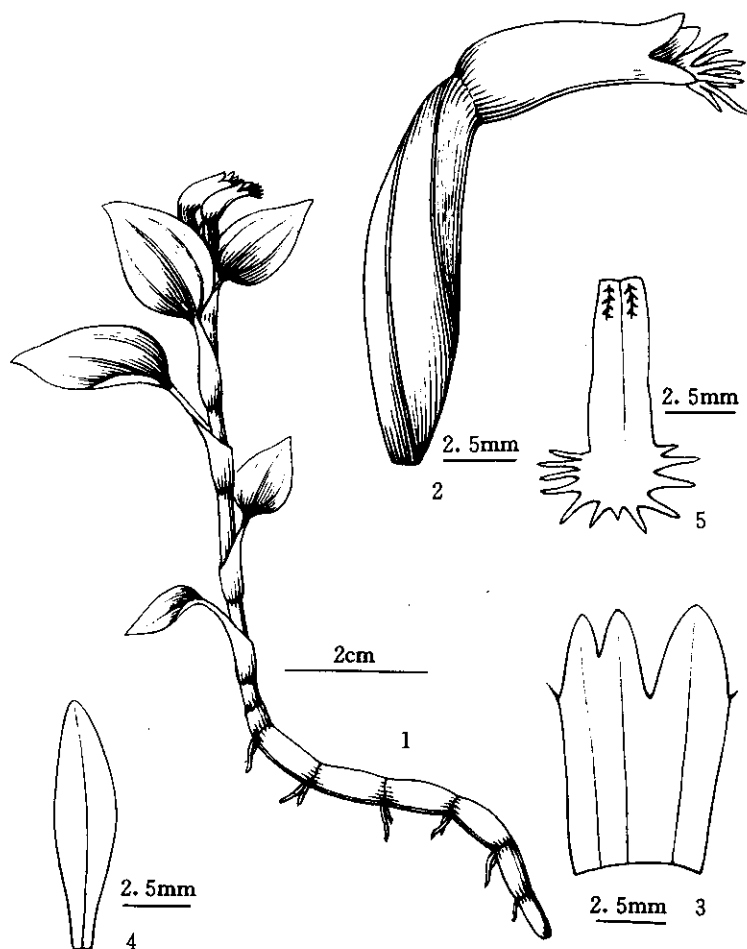


图1 屏边叉柱兰 1. 植株; 2. 花; 3. 萼筒纵剖面; 4. 花瓣; 5. 唇瓣。(吴彰桦绘)
Fig. 1 *Cheirotstylis pingbianensis* 1. plant; 2. flower; 3. sepal tube, longitudinally dissected; 4. petal; 5. lip.

Yunnan (云南): Pingbian (屏边), Laojianshan (老尖山), alt. 2100 m, in forest, 1954-10-11, K. M. Feng (冯国楣) 4816 (holotype, KUN).

本种与 *C. inabei* Hayata 相近, 后者与本种之区别在于侧萼片顶端急尖, 唇瓣基部囊内具多数散生的乳头状突起, 顶部两裂片之间无1个小齿, 裂片基部具2枚绿色斑点。与 *C. griffithii* Lindl. 亦相似, 而后者与本种之区别在于花较大, 唇瓣长2 cm 或过之, 顶部裂片边缘具8~10条裂条, 萼筒外面被短柔毛, 子房被短柔毛。

2 始兴斑叶兰 新种 图2

Goodyera shixingensis K. Y. Lang, sp. nov.

Species *G. yangmeishanensi* T. P. Lin similis, sed bracteis margine integris, scapo

dense villosa, sepalis lateralibus ovato-lanceolatis, dorso in costis prope apicem longitudinaliter 1-carinatis, apice acutis differt; similis *G. matsumuranae* Schltr., a qua bracteis margine integris, sepalis lateralibus ovato-lanceolatis, dorso in costis prope apicem longitudinaliter 1-carinatis, apice acutis, petalis antice dentato-marginatis, labello antice margine breviter fimbriato-dentato recedit.

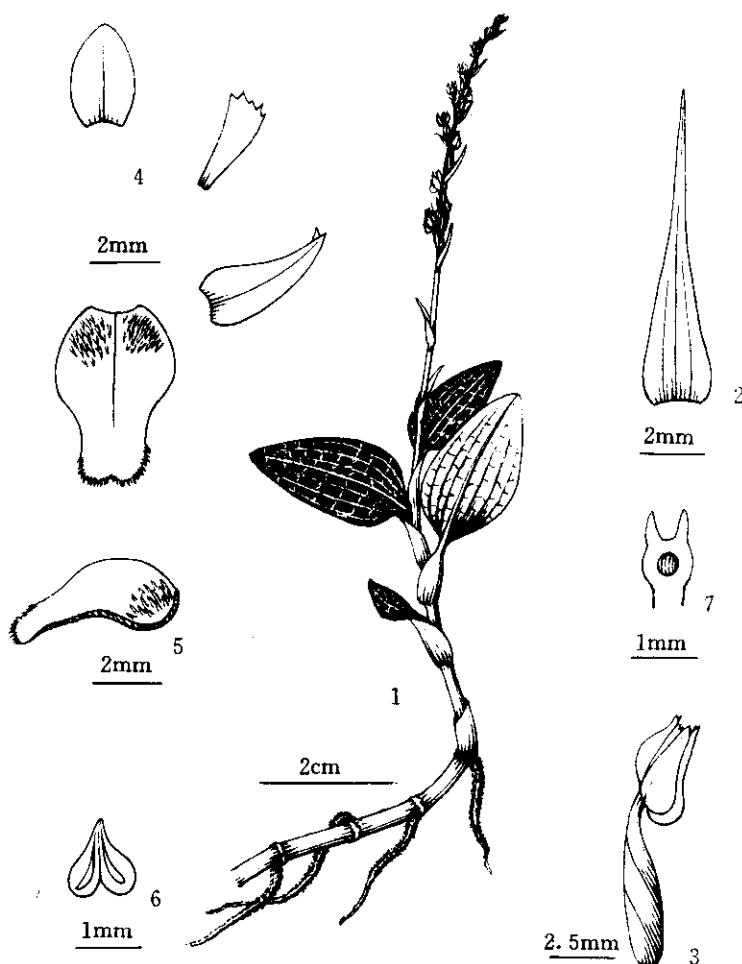


图2 始兴斑叶兰 1. 植株; 2. 花苞片; 3. 花; 4. 中萼片、花瓣、侧萼片和唇瓣; 5. 唇瓣纵剖面之侧面观; 6. 药帽; 7. 蕊喙和柱头。(吴影桦绘)

Fig. 2 *Goodyera shizhengensis* 1. plant; 2. floral bract; 3. flower; 4. dorsal sepal, petal, lateral sepal and lip; 5. lip, longitudinally dissected through middle, side view; 6. operculum; 7. rostellum and stigma.

Herba parva terrestris, 8~10.5 cm alta. Rhizoma elongatum, cauliforme repens, nodosum, radiculatum. Caulis teres, erectus. Folia 3~4, ovata vel oblongo-lanceolata, carnosa, 2.5~4.5 cm longa 1.2~1.5 cm lata, apice acuta, basi rotundata, petiolata, supra atrovirentia nervis flavis elegantibus nitidis reticulata, subtus rosea; petiolis 5~10 mm longis, basi in vaginam amplexicaulem ampliatis. Scapus dense villosus, infra inflorescentiam 2 vaginis instructus; racemo 1~3-floro secundo, 4 cm longo; bracteis ovato-lanceolatis erectis,

apice longe acuminatis, margine integris, ovariis paulo brevioribus. Flores parvi, densiusculi, rosei, sepalis dorso glabris 1-nerviis, sepalo intermedio elliptico concavo, 3 mm longo 2.2 mm lato, apice obtuso cum petalis in galeam agglutinato, eis lateralibus oblique ovato-lanceolatis leviter patentibus 4 mm longis basi 1.8 mm latis, dorso in costis prope apicem longitudinaliter 1-carinatis, apice acutis; petalis falcato-oblongatis, 3 mm longis, antice dentato-marginatis, 1 mm latis 1-nerviis; labello 5 mm longo, antice subquadro, cymbiformi, 2 mm longo, margine breviter fimbriato-dentato, basi concavo sacciformi, 3 mm longo, intus dense villosus; columna crassa, brevi; rostello erecto, bifurcato; anthera deltato-obovata; stigmatibus uno rotundato, sub rostello; ovario cylindrico-fusiformi, contorto, glabro, cum pedicello 5~7 mm longo.

Guangdong (广东): Shixing (始兴), alt. 300 m, under forest, 1985-08-04, L. Teng (邓良) 7004 (holotype, PE).

本种与小小斑叶兰 *G. yangmeishanensis* T. P. Lin 相近, 不同在于本种的花苞片边缘全缘, 花萼被密的长柔毛, 侧萼片卵状披针形, 顶端背面呈舟状、急尖等易区别; 而与白网脉斑叶兰 *G. matsumurana* Schltr. 不同点在于其花苞片边缘全缘, 侧萼片卵状披针形, 顶端背面呈舟状、急尖, 花瓣前部边缘具锯齿, 唇瓣的前部边缘具短的流苏状齿等易于区别。

3 宽瓣全唇兰 新种 图 3

Myrmechis urceolata Tang et K. Y. Lang, sp. nov.

Species labello Y-formi, *M. drymoglossifoliae* Hayata et *M. gracili* (Bl.) Bl. congruens, sed petalis late ovatis urceolatis fere zygomorphis, sacculo labelli intus 2 callis transverse ellipticis apice non-emarginatis differt.

Herba humilis, terrestris, 5~9 cm alta. Rhizoma elongatum, cauliforme, repens, nodosum, radiculatum. Caulis erectus, crassus, subcarnosus. Folia 5, ovata, 7~12 mm longa, 6~8 mm lata, apice acuta, basi obtusa, petiolata, supra viridia, subtus virella vel purpurata; petiolis 3~5 mm longis, basi in vaginam amplexicaulem ampliatis. Racemus 1~3-florus, rhachi pubescenti; bracteis ovato-triangularibus, 4~5 mm longis, 3~4 mm latis, subtus parce pubescentibus, margine ciliolatis, apice acutis. Flores albi vel roseoli, paulo aperti, sepalis oblongo-ovatis, apice attenuatis obtusiusculis 1-nerviis, sepalo intermedio concavo cymbiformi 5~6 mm longo ca. 3 mm lato cum petalis in galeam connivente, eis lateralibus 6~7 mm longis 3.5~4 mm latis, basi labellum amplectentibus; petalis late ovatis urceolatis, fere zygomorphis, 5~6 mm longis ca. 3.5 mm latis, antice abrupte constrictis cuspidatis 1 mm longis, apice obtusis 1-nerviis; labello concavo cymbiformi, 7~8 mm longo, basi dilatato concavo saccato, intus supra basin 2 callis transverse ellipticis apice non-emarginatis instructo, medio in unguem contracto, ungue conduplicato, apice dilatato bilobo, lobis oblongis, divergentibus, ca. 2 mm longis ca. 1 mm latis; ovario cylindrico, contorto, paulo curvato, parce pubescenti, cum pedicello 6~7 mm longo.

Guangdong (广东): Xinyi (信宜), flowers white, 1931-05-19, S. P. Ko (高锡朋) 51443 (holotype, PE); Ruyuan (乳源), flowers white, 1973-06-05, Guangdong Exped.

(粤队) 73-567 (PE). **Hainan** (海南): Ya Xian (Sanya) [崖县(现三亚)], flowers rose, 1933-07-26, F. C. How (候宽昭) 71117 (PE). **Yunnan** (云南): Pingbian (屏边), Daweishan (大围山), flowers white, 1956-06-23, Sino-Russia Yunnan Exped. (中苏云南考察团) 3779 (PE).

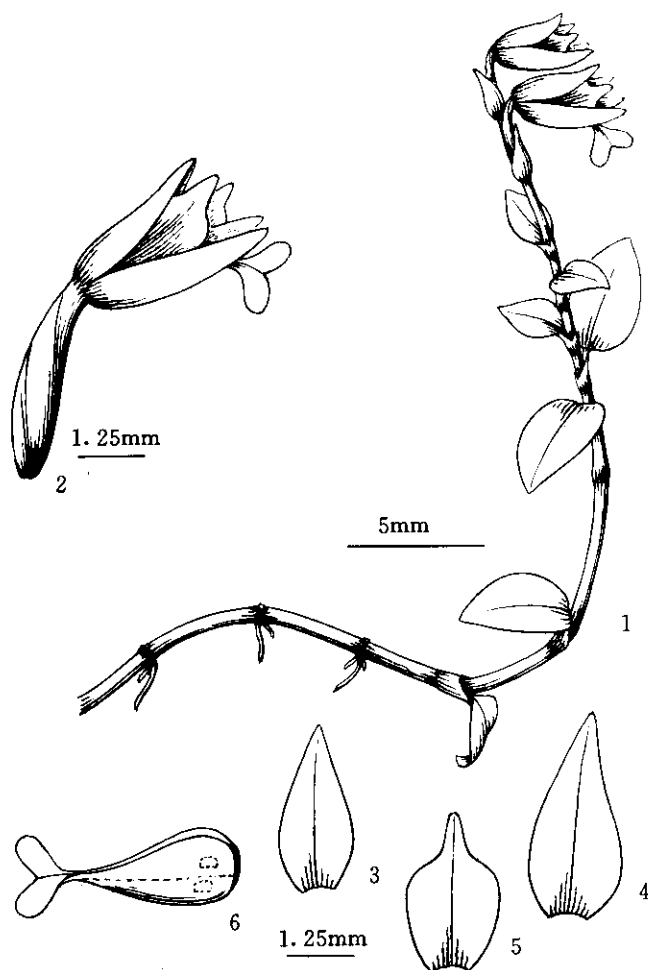


图3 宽瓣全唇兰 1. 植株; 2. 花; 3. 中萼片; 4. 侧萼片; 5. 花瓣; 6. 唇瓣侧面观。(吴彰桦绘)
Fig. 3 *Myrmechis urceolata* 1. plant; 2. flower; 3. dorsal sepal; 4. lateral sepal; 5. petal; 6. lip, side view.

本种与阿里山全唇兰 *M. drymoglossifolia* Hayata 和细全唇兰 *M. gracilis* (Bl.) Bl. 相近, 唇瓣为 Y 字形, 而不同点在于其花瓣为宽卵形、坛状, 两侧近对称; 唇瓣囊内的 2 枚胼胝体为横椭圆形, 其顶部不凹缺, 与后者易于区别。

4 高山阔蕊兰 新组合

Peristylus alpinus (Hand.-Mazz.) K. Y. Lang, comb. nov. — *Habenaria alpina* Hand.-Mazz., Symb. Sin. 7: 1336, 1342, fig. 41, no. 8~11. 1936; S. Y. Hu in

Quart. J. Taiwan Mus. 27(1~2):150. 1974.

Yunnan (云南): Gongshan (贡山), 独龙江与怒江的分水岭, 28°9'N, alt. 4200~4300 m, 1919-08-06, H. Handel-Mazzetti 9716 (type, W), fragm. (PE).

5 白边阔蕊兰 新组合

Peristylus albo-marginatus (King et Pantl.) K. Y. Lang, comb. nov. — *Habenaria albo-marginata* King et Pantl. in Ann. Roy. Bot. Gard. Calcutta 8: 322, t. 425. 1898; Hara *et al.*, Enum. Flow. Pl. Nepal 1: 45. 1978. — *Platanthera albo-marginata* (King et Pantl.) Kränzl., Orchid. Gen. Sp. 1: 939. 1901.

分布: 中国西藏东南部(据 Hara *et al.* 记载)。锡金[Bei Jongri, alt. 4000 m, R. Pantling 450 (cotype, K), fragm. (PE)]、尼泊尔、不丹也有。

更 正

卷期	页	行	错	正
34(2)	142	2	reaved	revealed
	142	2	cross	gross
	142	2	seedings	seedlings
	142	15~16	Cotyledon resin canal absent.	Cotyledon; resin canal absent.
	142	16	and probably,	and probably <i>Austrotaxus</i> ,
	143	14	Васунбуенко	Васильченко
	147	1	Грушвицкий 的特点;	Грушвицкий (1963) 早就指出过, 根据功能原则, 种子植物的子叶留土可分为两类, 一是吸收功能的子叶留土, 是原始的特点;